



90° ELBOW METRIC MALE 24° CONE / ADJUSTABLE O-RING BOSS

**1CO9-OG**  
**1DO9-OG**

**1CO9-OGRNW**  
**1DO9-OGRNW**

PART NO.		THREAD		D1 TUBE O.D.	O RING	DIMENSIONS					
BODY	ASSEMBLY	E	F			I1	L1	L2	S1	S2	S3
L SERIES											
1CO9-12-04OGZ	1CO9-12-04OGRNWZ	M12X1.5	7/16"X20	6	O904 N90	13	28	27.2	11	14	17
1CO9-14-06OGZ	1CO9-14-06OGRNWZ	M14X1.5	9/16"X18	8	O906 N90	15.5	30.5	31.8	14	17	19
1CO9-16-06OGZ	1CO9-16-06OGRNWZ	M16X1.5	9/16"X18	10	O906 N90	17.5	32.5	33.3	16	19	19
1CO9-18-08OGZ	1CO9-18-08OGRNWZ	M18X1.5	3/4"X16	12	O908 N90	19	34	37.5	19	22	24
1CO9-22-10OGZ	1CO9-22-10OGRNWZ	M22X1.5	7/8"X14	15	O910 N90	22	37	44	22	27	27
1CO9-22-08OGZ	1CO9-22-08OGRNWZ	M22X1.5	3/4"X16	15	O908 N90	22	37	39.5	22	27	24
1CO9-26-12OGZ	1CO9-26-12OGRNWZ	M26X1.5	1.1/16"X12	18	O912 N90	25.5	42	51	27	32	32
1CO9-30-12OGZ	1CO9-30-12OGRNWZ	M30X2	1.1/16"X12	22	O912 N90	29.3	45.8	53.5	30	36	32
1CO9-36-12OGZ	1CO9-36-12OGRNWZ	M36X2	1.1/16"X12	28	O912 N90	33.5	47.8	57.5	36	41	41
1CO9-36-16OGZ	1CO9-36-16OGRNWZ	M36X2	1.5/16"X12	28	O916 N90	33.3	49.8	57.5	36	41	41
1CO9-45-20OGZ	1CO9-45-20OGRNWZ	M45X2	1.5/8"X12	35	O920 N90	39.2	60.7	63	48	50	50
1CO9-52-24OGZ	1CO9-52-24OGRNWZ	M52X2	1.7/8"X12	42	O924 N90	44.8	67.8	70.5	55	60	55
S SERIES											
1DO9-14-04OGZ	1DO9-14-04OGRNWZ	M14X1.5	7/16"X20	6	O904 N90	17.5	32.5	30	14	17	17
1DO9-16-06OGZ	1DO9-16-06OGRNWZ	M16X1.5	9/16"X18	8	O906 N90	18.7	33.7	33.3	16	19	19
1DO9-18-06OGZ	1DO9-18-06OGRNWZ	M18X1.5	9/16"X18	10	O906 N90	19.5	36	33.5	19	22	19
1DO9-18-08OGZ	1DO9-18-08OGRNWZ	M18X1.5	3/4"X16	10	O908 N90	19.5	36	37.5	19	22	24
1DO9-20-08OGZ	1DO9-20-08OGRNWZ	M20X1.5	3/4"X16	12	O908 N90	19.5	36	37.5	19	24	24
1DO9-22-10OGZ	1DO9-22-10OGRNWZ	M22X1.5	7/8"X14	14	O910 N90	23	41	44	22	27	27
1DO9-24-10OGZ	1DO9-24-10OGRNWZ	M24X1.5	7/8"X14	16	O910 N90	24	42.5	46.5	24	30	27
1DO9-30-12OGZ	1DO9-30-12OGRNWZ	M30X2	1.1/16"X12	20	O912 N90	28.3	49.8	53.5	30	36	32
1DO9-36-16OGZ	1DO9-36-16OGRNWZ	M36X2	1.5/16"X12	25	O916 N90	32.8	56.8	57.5	36	46	41
1DO9-42-20OGZ	1DO9-42-20OGRNWZ	M42X2	1.5/8"X12	30	O920 N90	36.2	62.7	59.5	41	50	50
1DO9-52-24OGZ	1DO9-52-24OGRNWZ	M52X2	1.7/8"X12	38	O924 N90	45.8	76.8	70.5	55	60	55

1. Material options for connector body, nut and the O-ring.

Connector body and nut material	O-ring material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	Z	1CO9-22-08OGZ
304 stainless steel	Viton	SR	1CO9-22-08OGSR
316L stainless steel	Viton	SV	1CO9-22-08OGSV
316Ti stainless steel	Viton	SY	1CO9-22-08OGSY

2. Plating options and performance for carbon steel connectors.

Plating method	Part. No. suffix	Part No. example	White rust (Hours)	Red rust (Hours)
Cr3+ plating (Default)	Z	1CO9-22-08OGZ	96	360
Durakote plating	ZD	1CO9-22-08OGZD	360	720
Zinc-nickel plating	ZN	1CO9-22-08OGZN	1000	-